

ABSTRACT OF THE DISCLOSURE

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An optical glass for polarizing optical system having a photoelastic constant C in the range of -0.2 to +0.5 [ $10^{-8}$  cm $^2$ /N] with respect to a wavelength of 633 nm, the optical glass having the following composition (1):

composition (1): when represented in terms of wt.% of oxides:

SiO<sub>2</sub>: 17.0 - 27.0 % (35.5 - 57.0 mol%)

Li<sub>2</sub>O + Na<sub>2</sub>O + K<sub>2</sub>O: 0.5 - 5.0 % (0.7 - 20.0 mol%)

PbO: 72.0 - 75.0 % (39.1 - 45.0 mol%)

As<sub>2</sub>O<sub>3</sub> + Sb<sub>2</sub>O<sub>3</sub>: 0.1 - 3.0 % (0.1 - 2.0 mol%).

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